

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

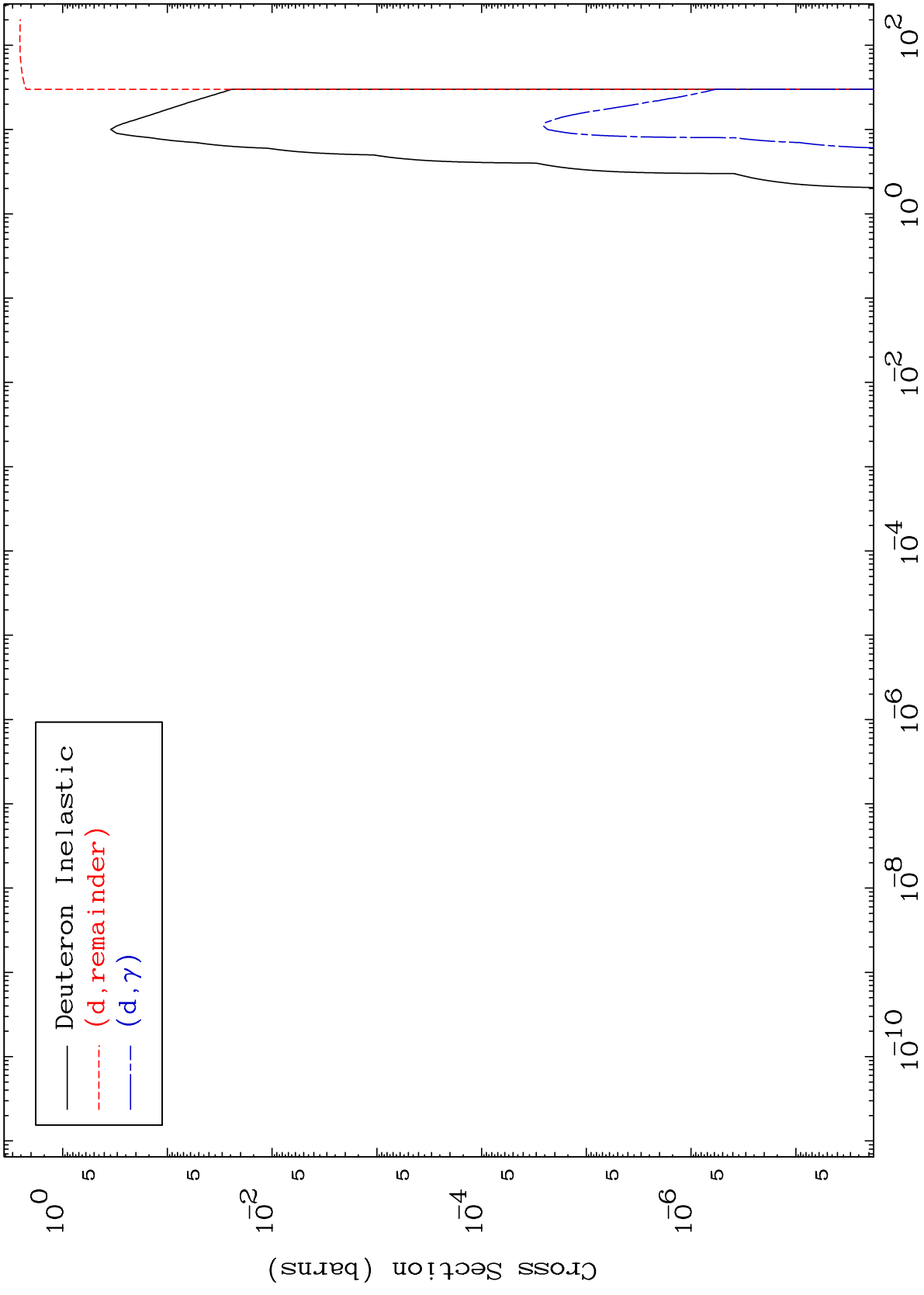
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6025

Deuteron Major
0 Kelvin Cross Sections

60-Nd-142

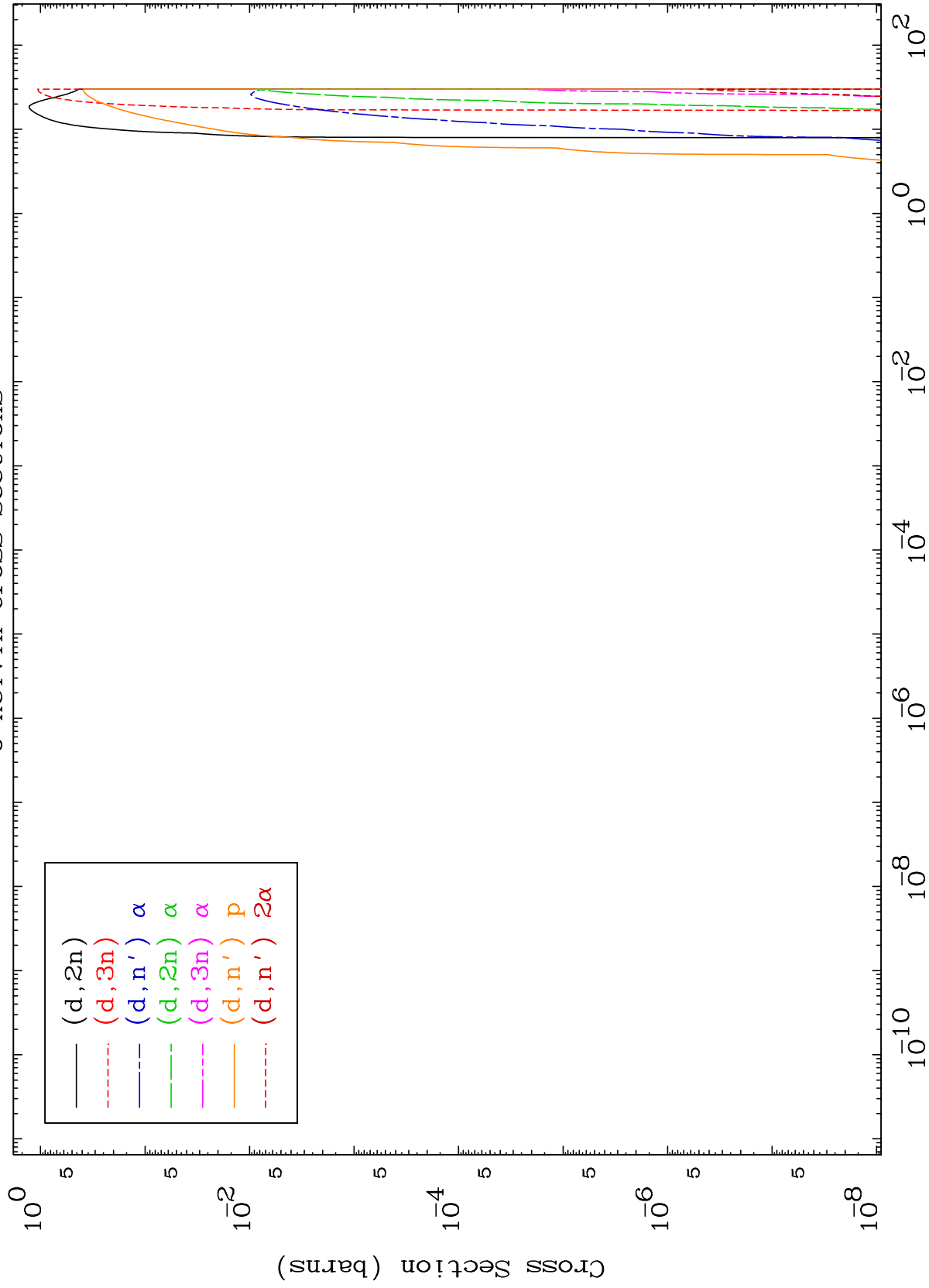


60-Nd-142

MAT 6025

Deuteron Neutron Production
0 Kelvin Cross Sections

60-Nd-142



2

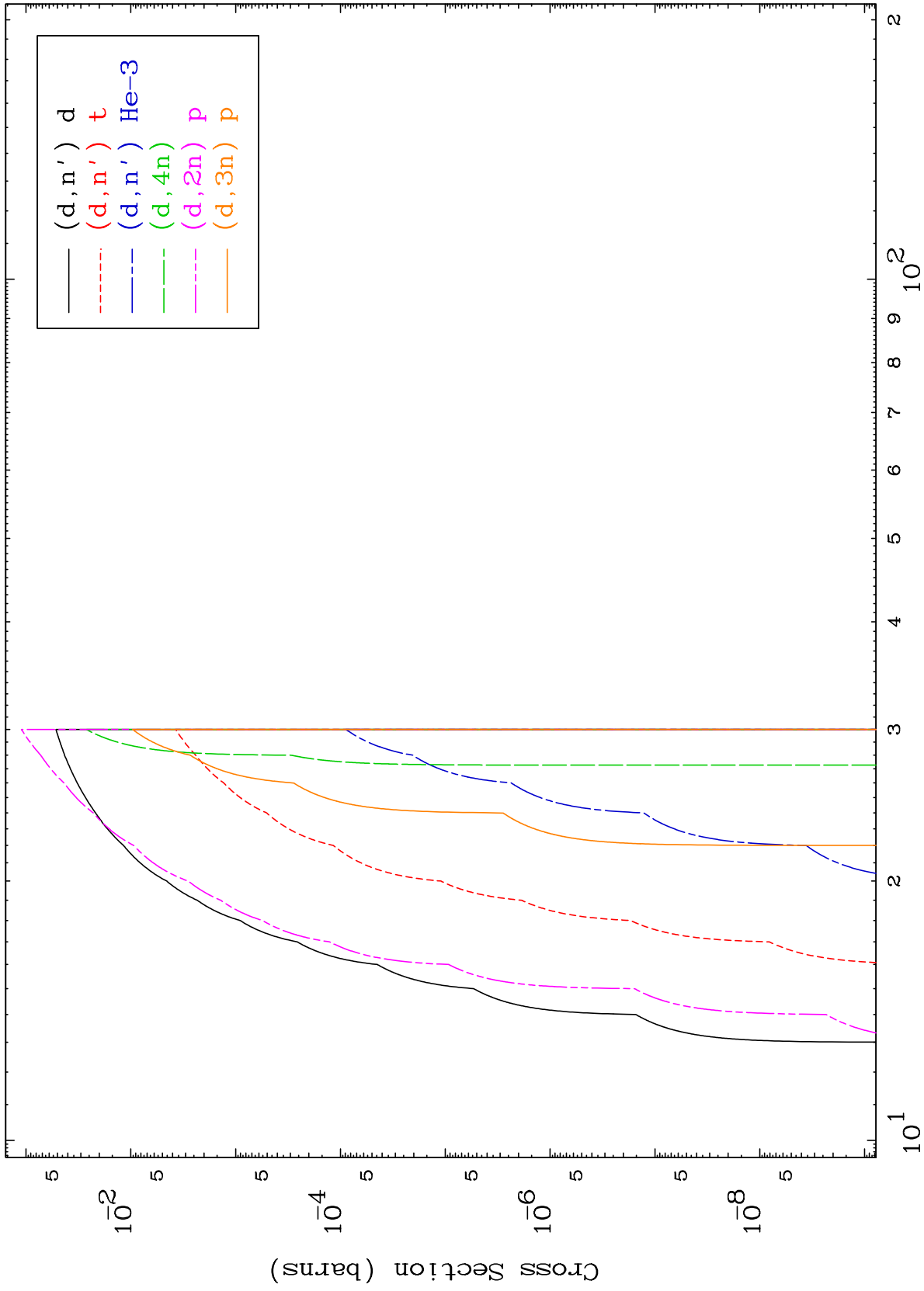
Incident Energy (MeV)

60-Nd-142

MAT 6025

Deuteron Neutron Production
0 Kelvin Cross Sections

60-Nd-142



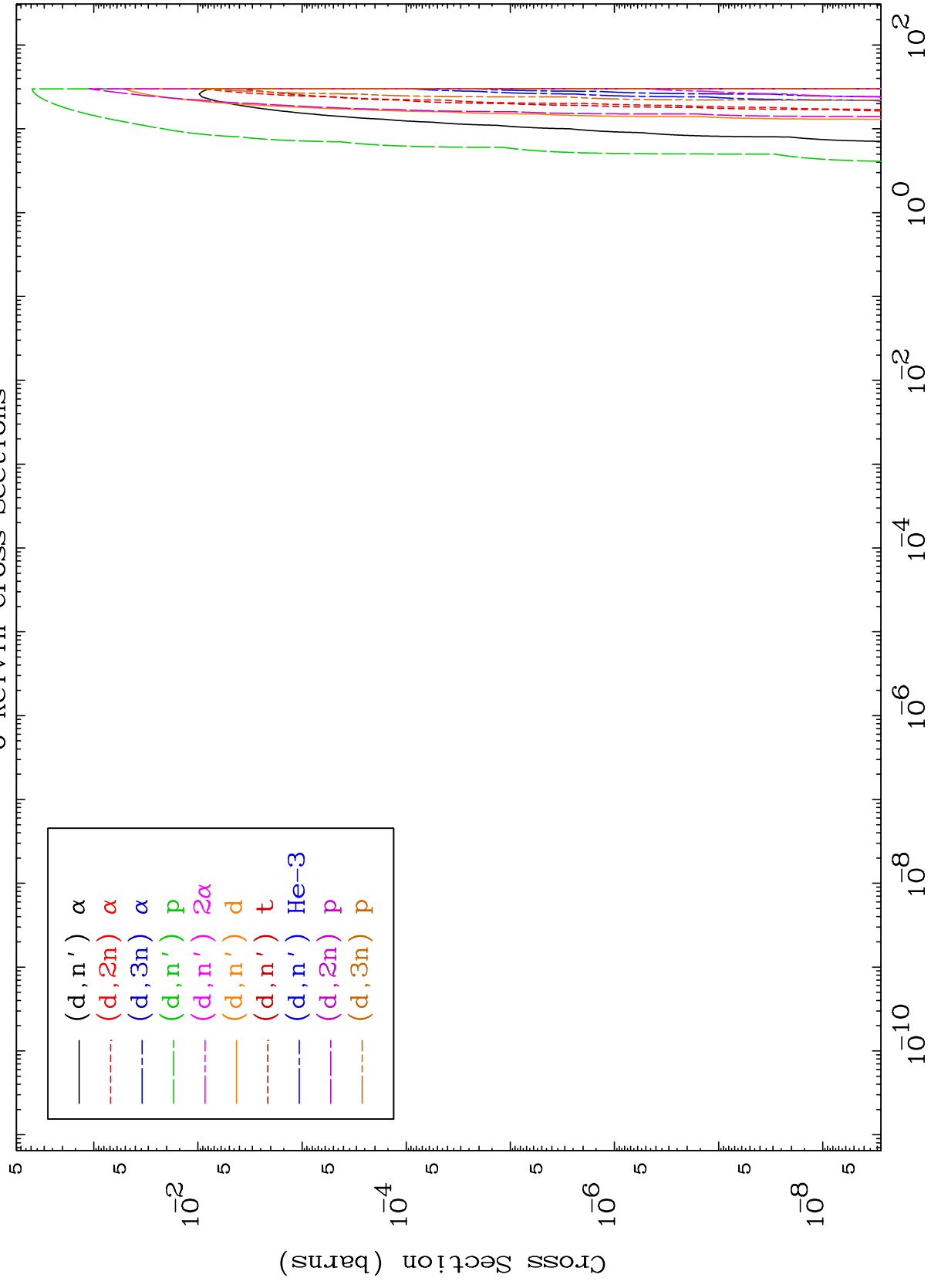
Incident Energy (MeV)

60-Nd-142

MAT 6025

Deuteron Charged Particle
0 Kelvin Cross Sections

60-Nd-142

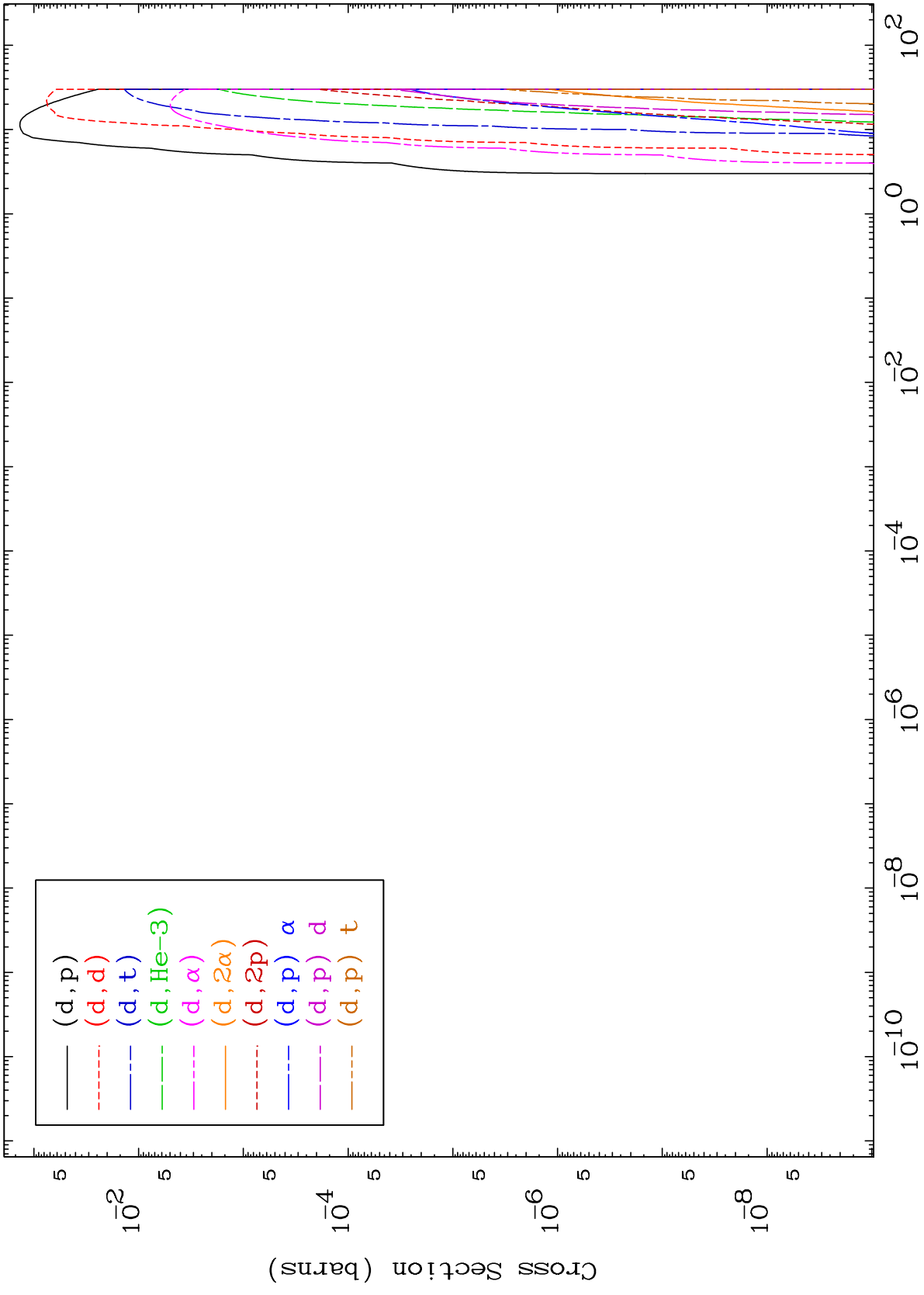


60-Nd-142

MAT 6025

Deuteron Charged Particle
0 Kelvin Cross Sections

60-Nd-142



5

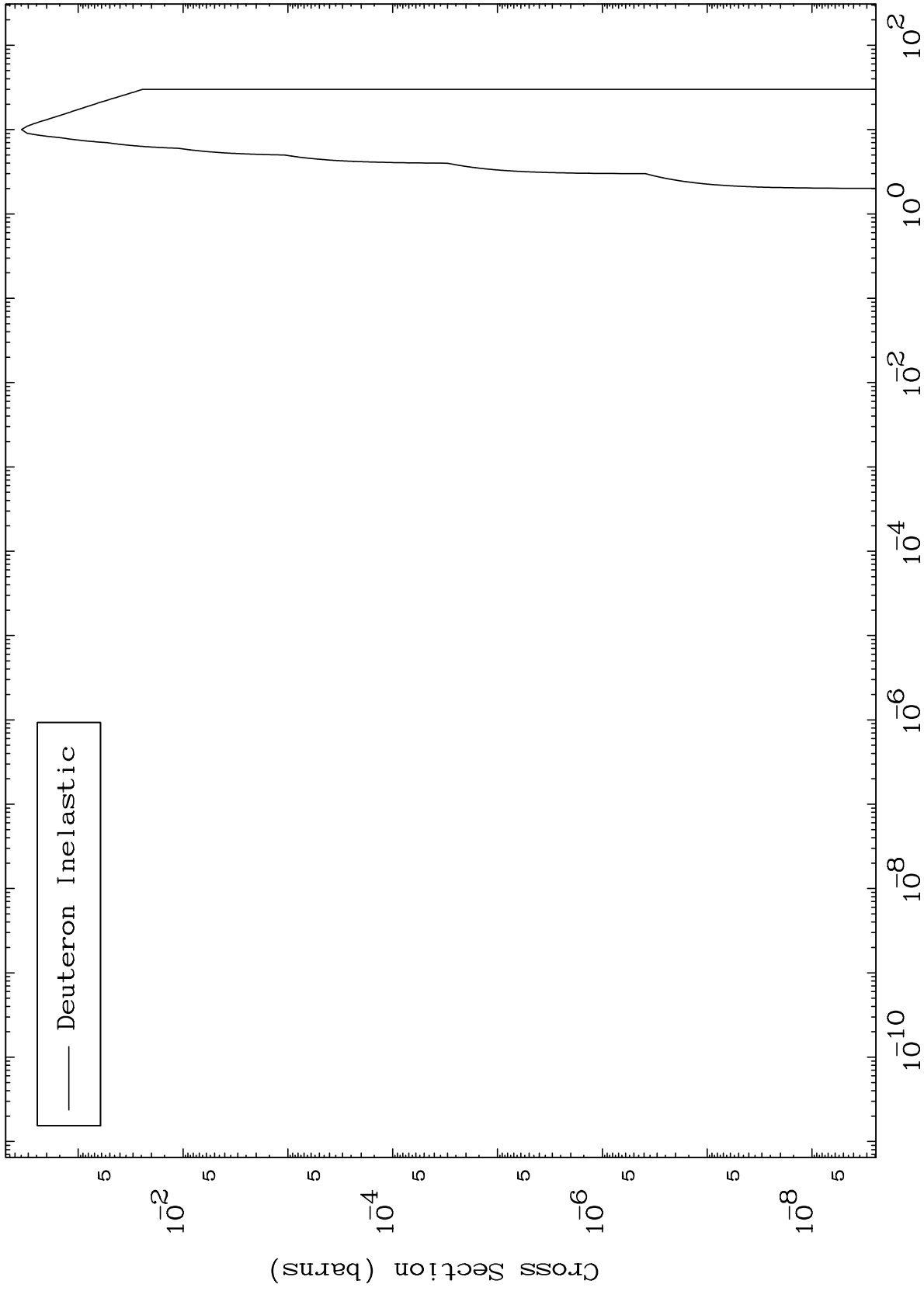
Incident Energy (MeV)

60-Nd-142

MAT 6025

(d,n') Level
0 Kelvin Cross Sections

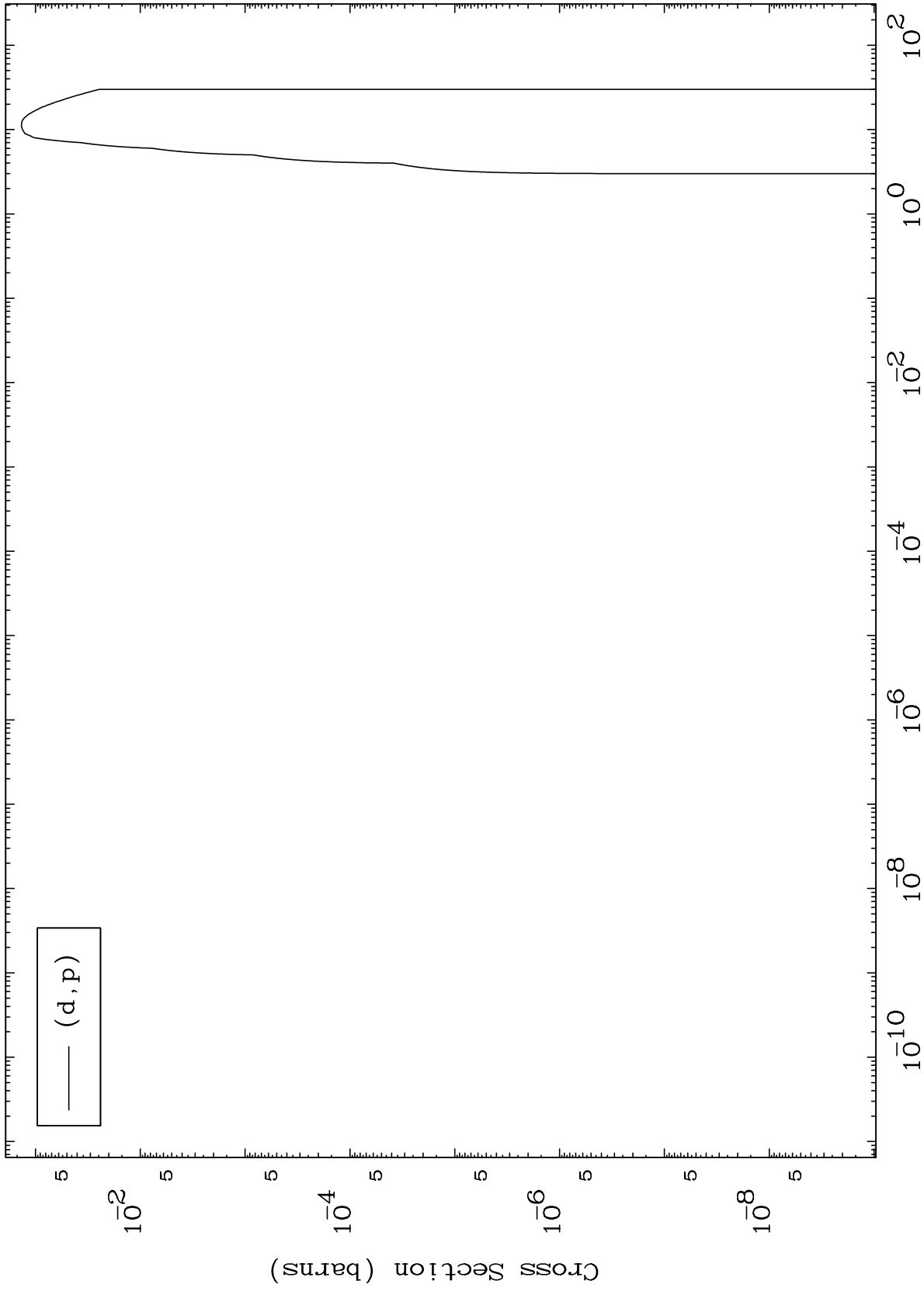
60-Nd-142



MAT 6025

(d,p) Levels
0 Kelvin Cross Sections

60-Nd-142



7

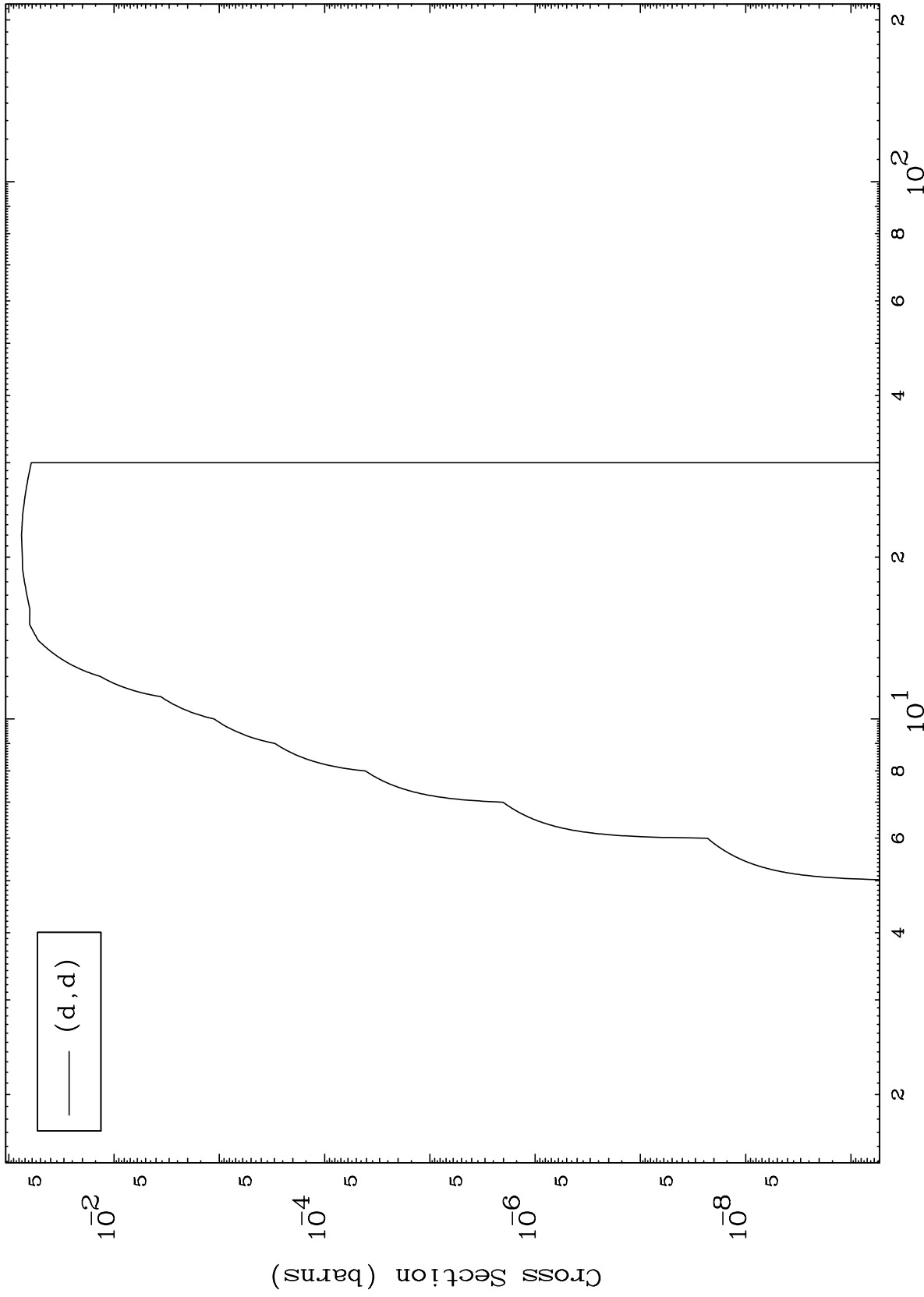
Incident Energy (MeV)

60-Nd-142

MAT 6025

(d,d) Levels
0 Kelvin Cross Sections

60-Nd-142



8

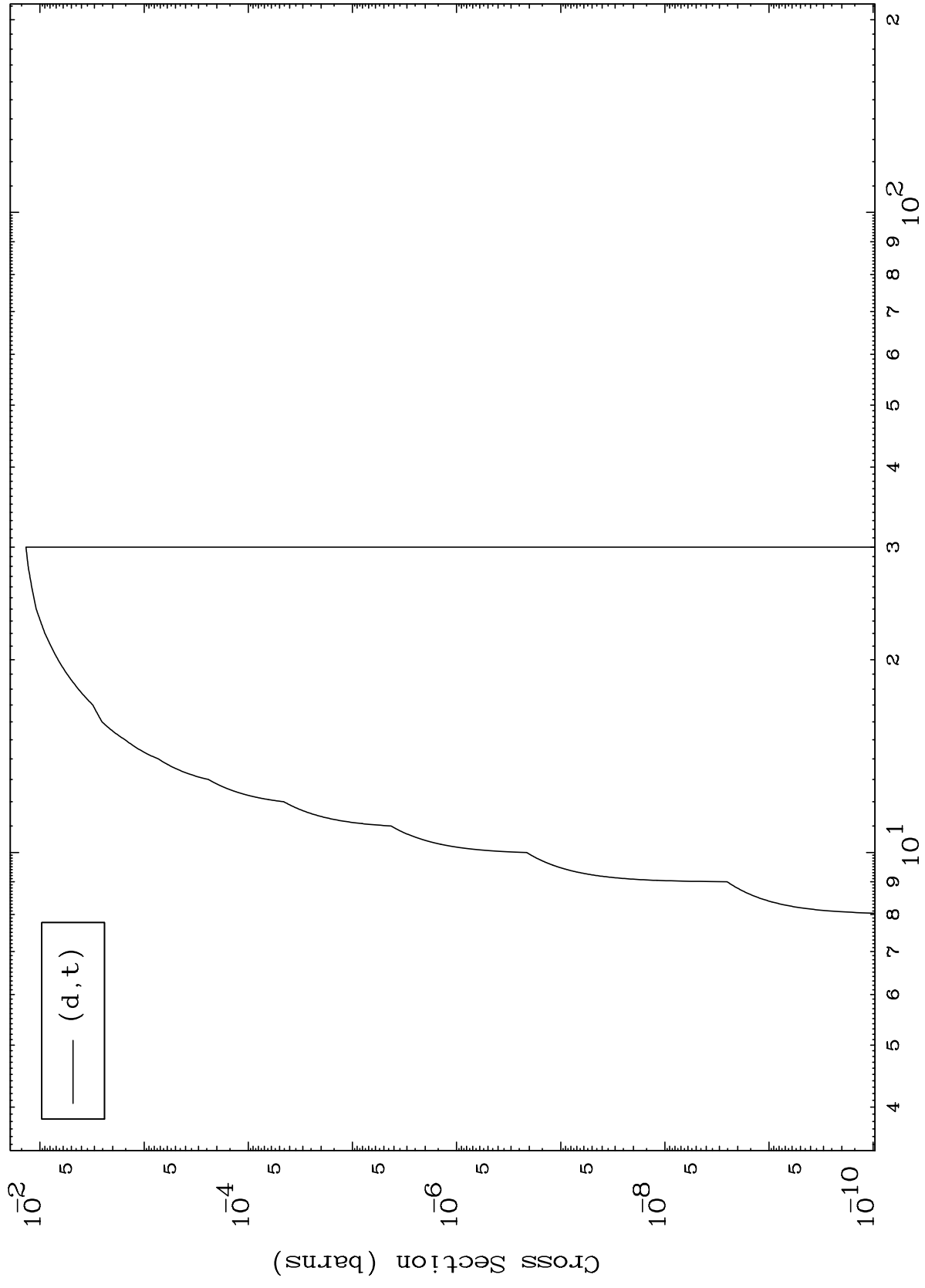
Incident Energy (MeV)

60-Nd-142

MAT 6025

(d,t) Levels
0 Kelvin Cross Sections

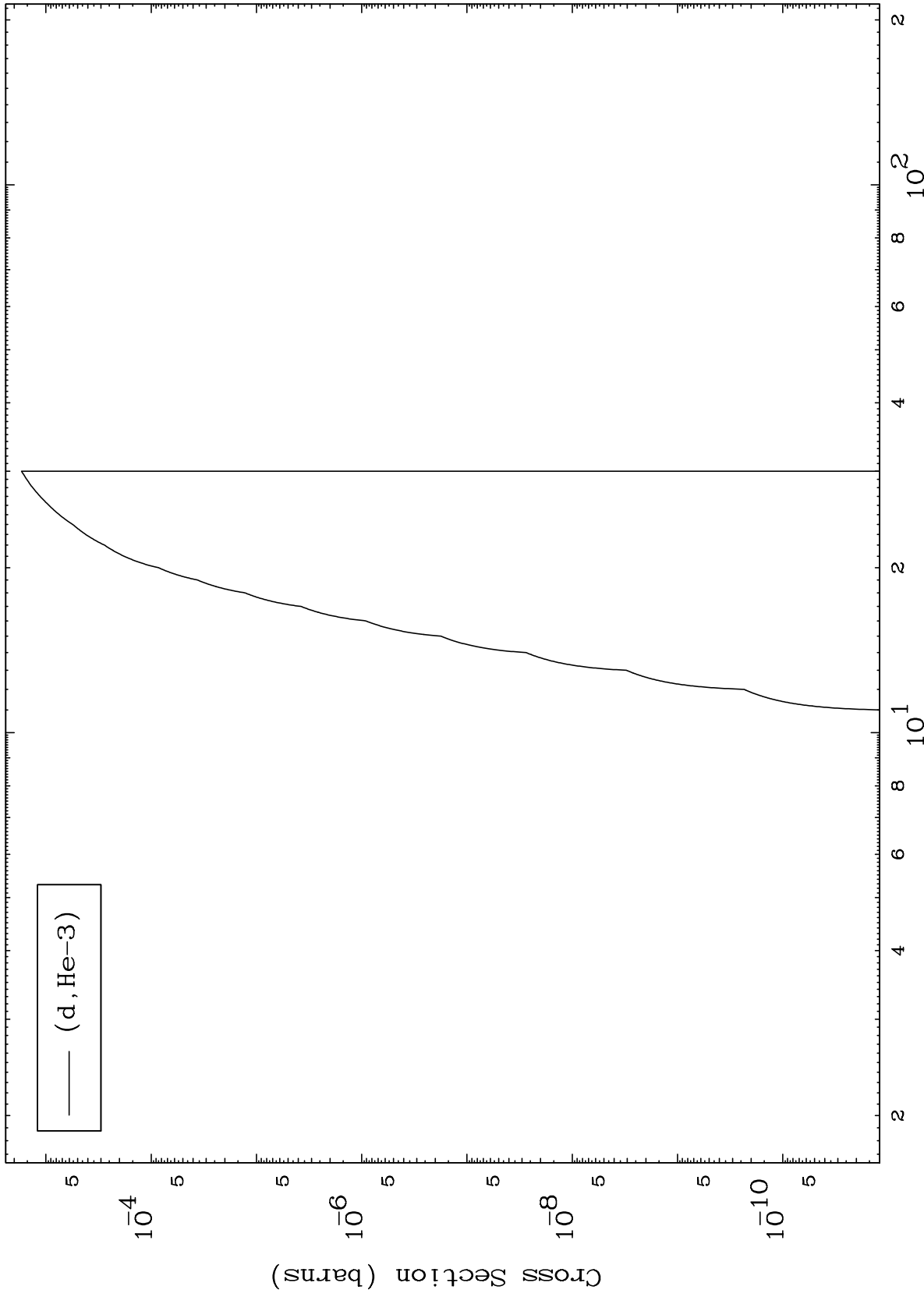
60-Nd-142



MAT 6025

(d,He3) Levels
0 Kelvin Cross Sections

60-Nd-142



10

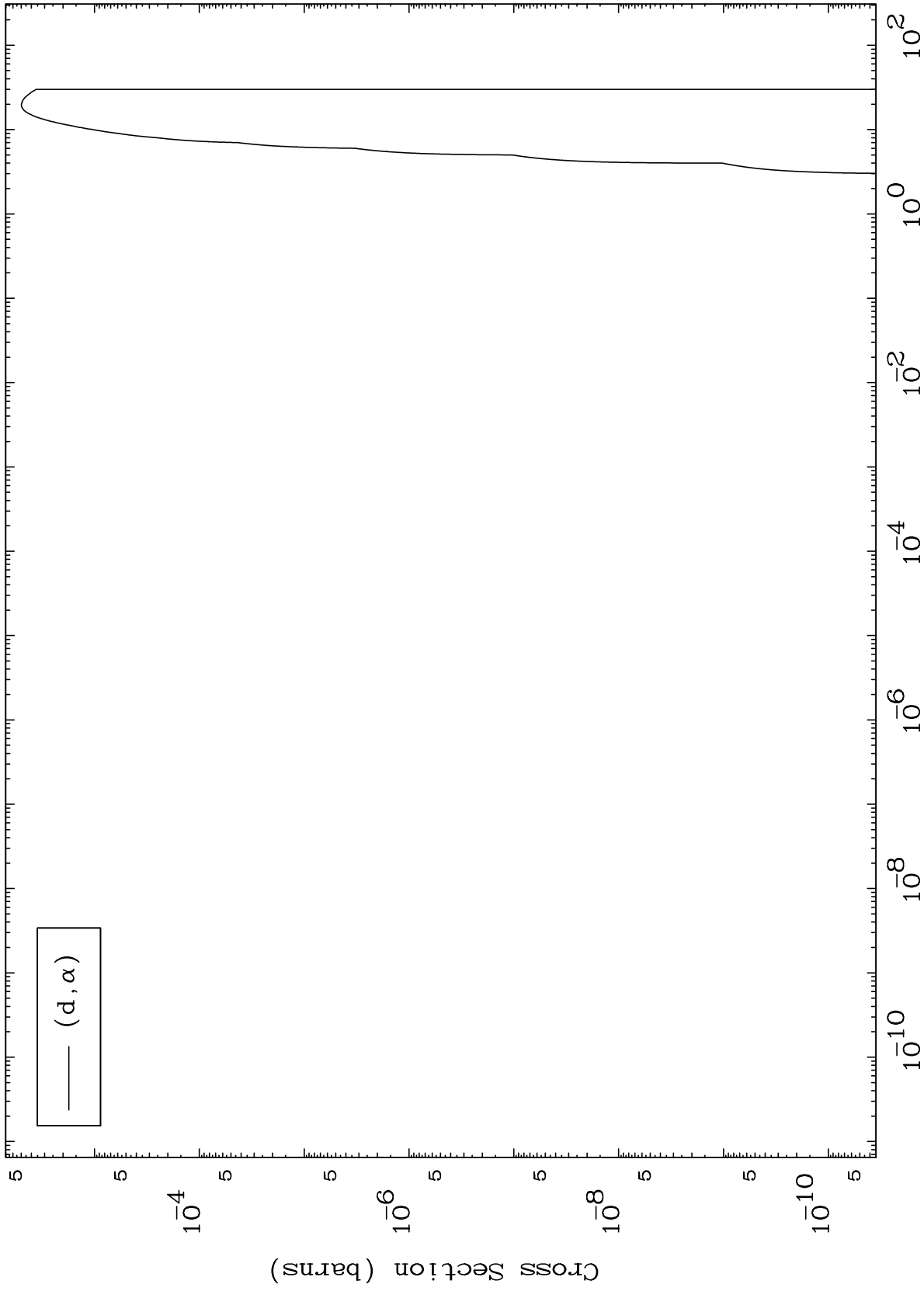
Incident Energy (MeV)

60-Nd-142

MAT 6025

(d,α) Levels
0 Kelvin Cross Sections

60-Nd-142



11

Incident Energy (MeV)

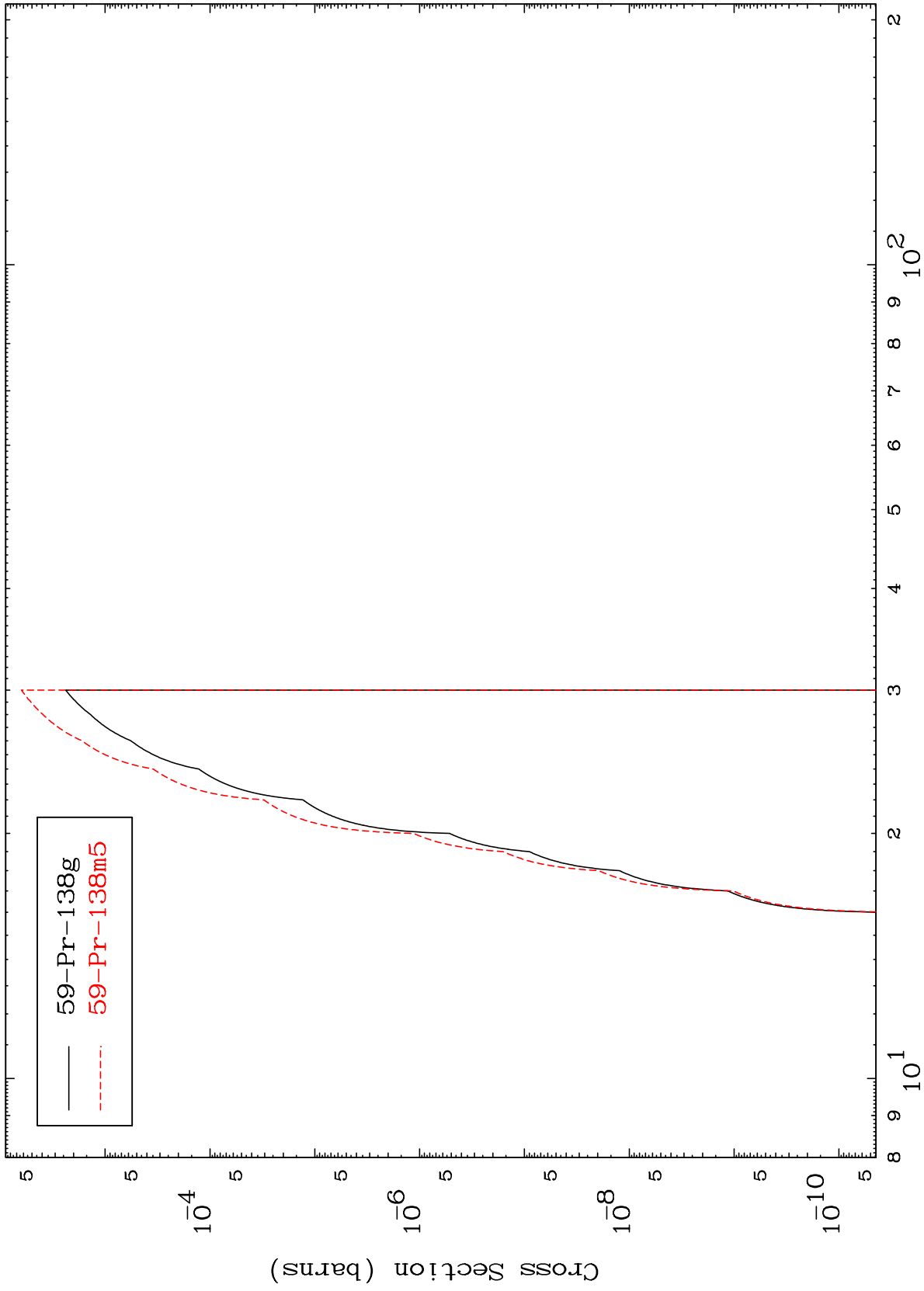
60-Nd-142

MAT 6025

(d,2n) α

60-Nd-142

Radionuclide Production Cross Section



12

Incident Energy (MeV)

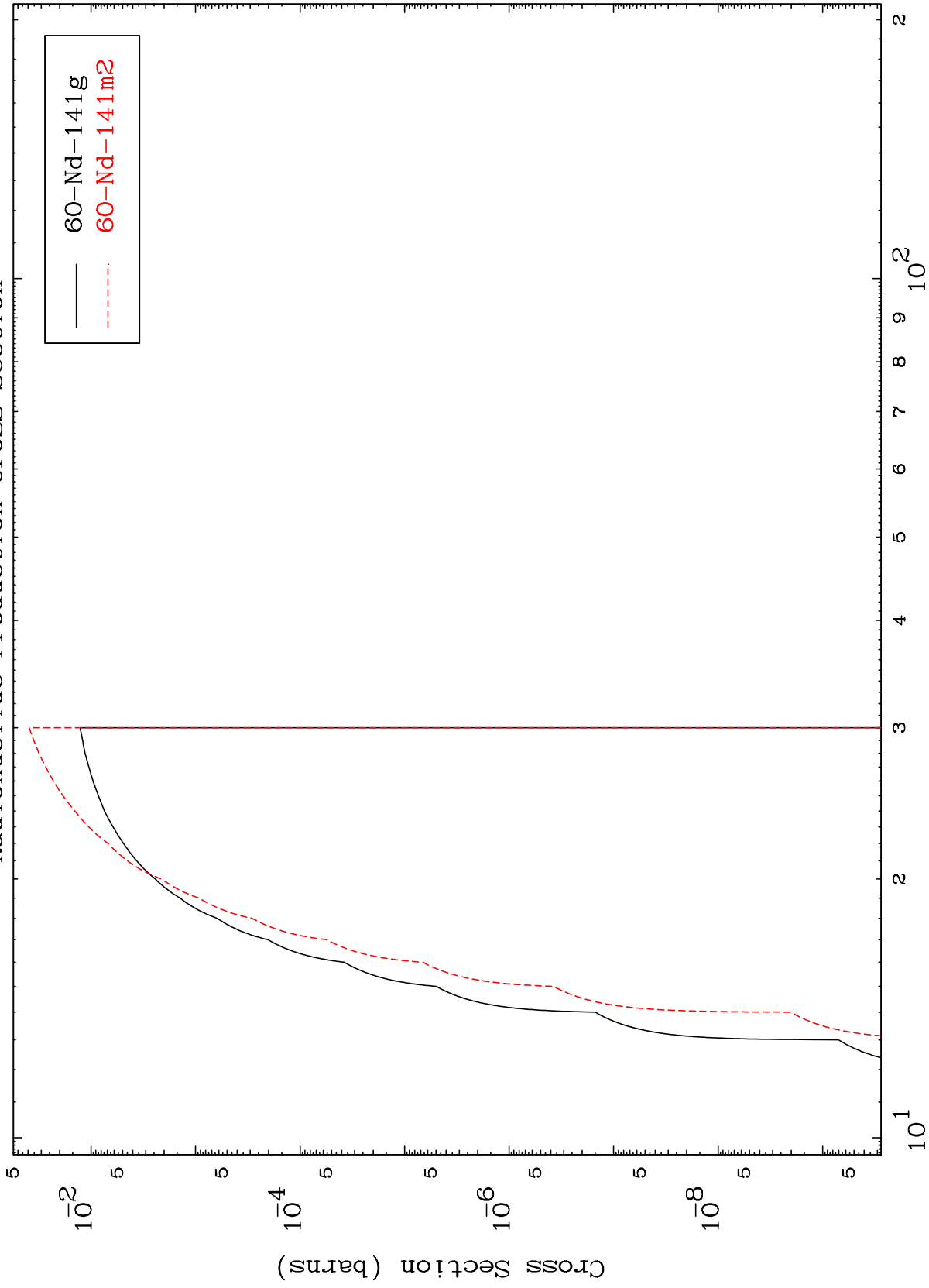
60-Nd-142

MAT 6025

(d,n') d

$^{60}\text{Nd}-142$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

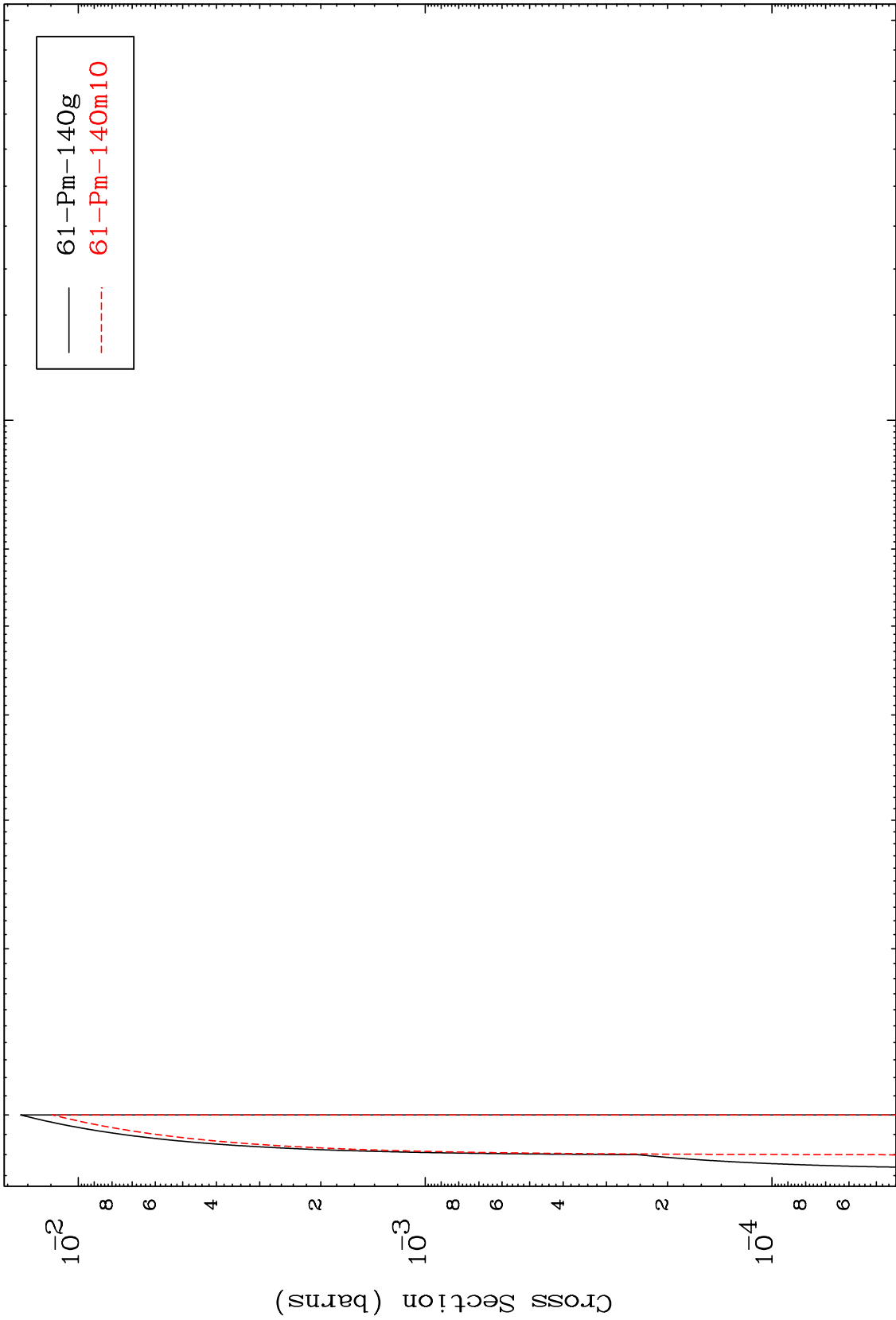
$^{60}\text{Nd}-142$

MAT 6025

(d,4n)

60-Nd-142

Radionuclide Production Cross Section



61-Pm-140g
61-Pm-140m10

14

Incident Energy (MeV)

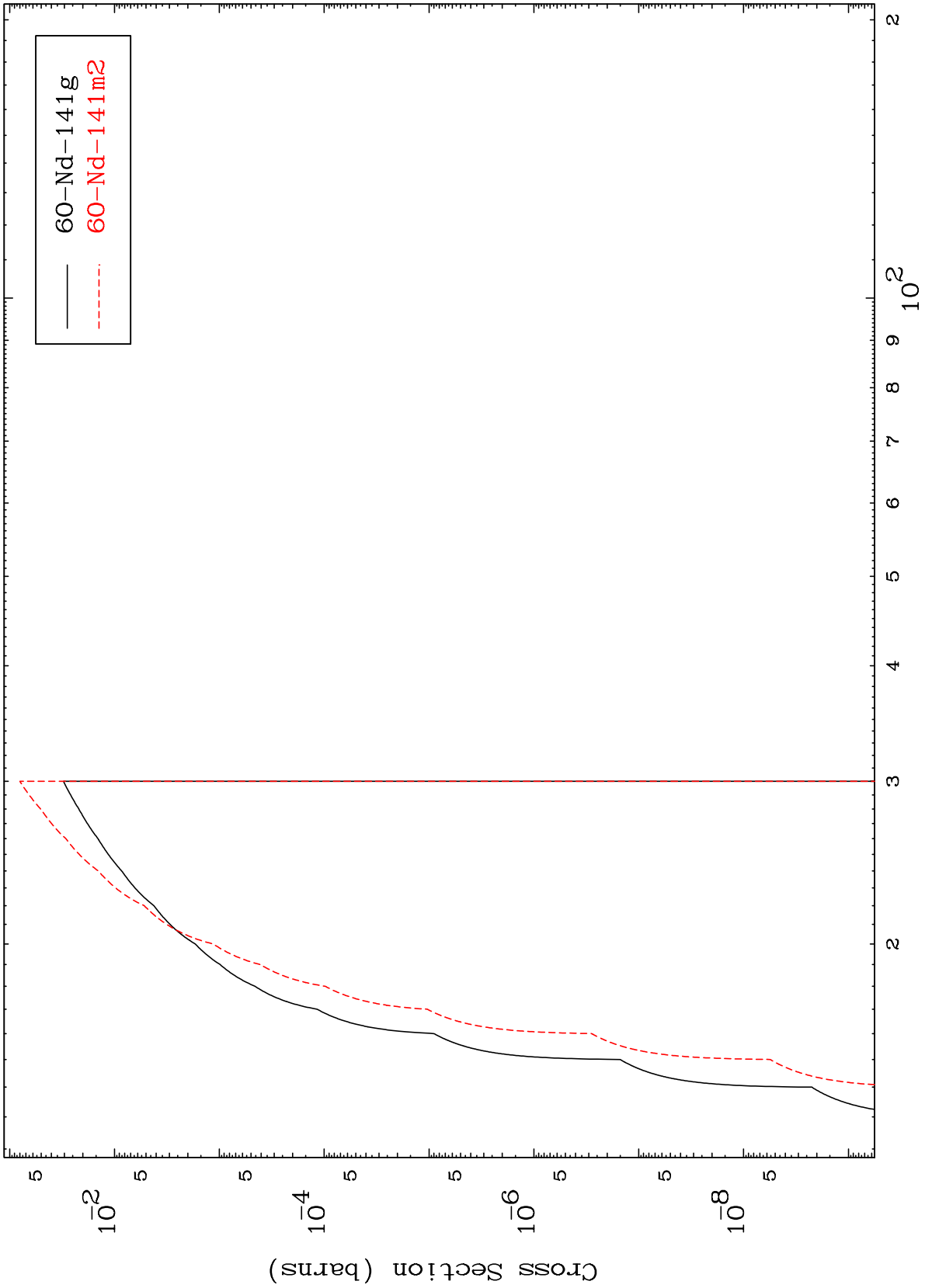
60-Nd-142

MAT 6025

(d,2n) p

$^{60}\text{Nd}-142$

Radionuclide Production Cross Section



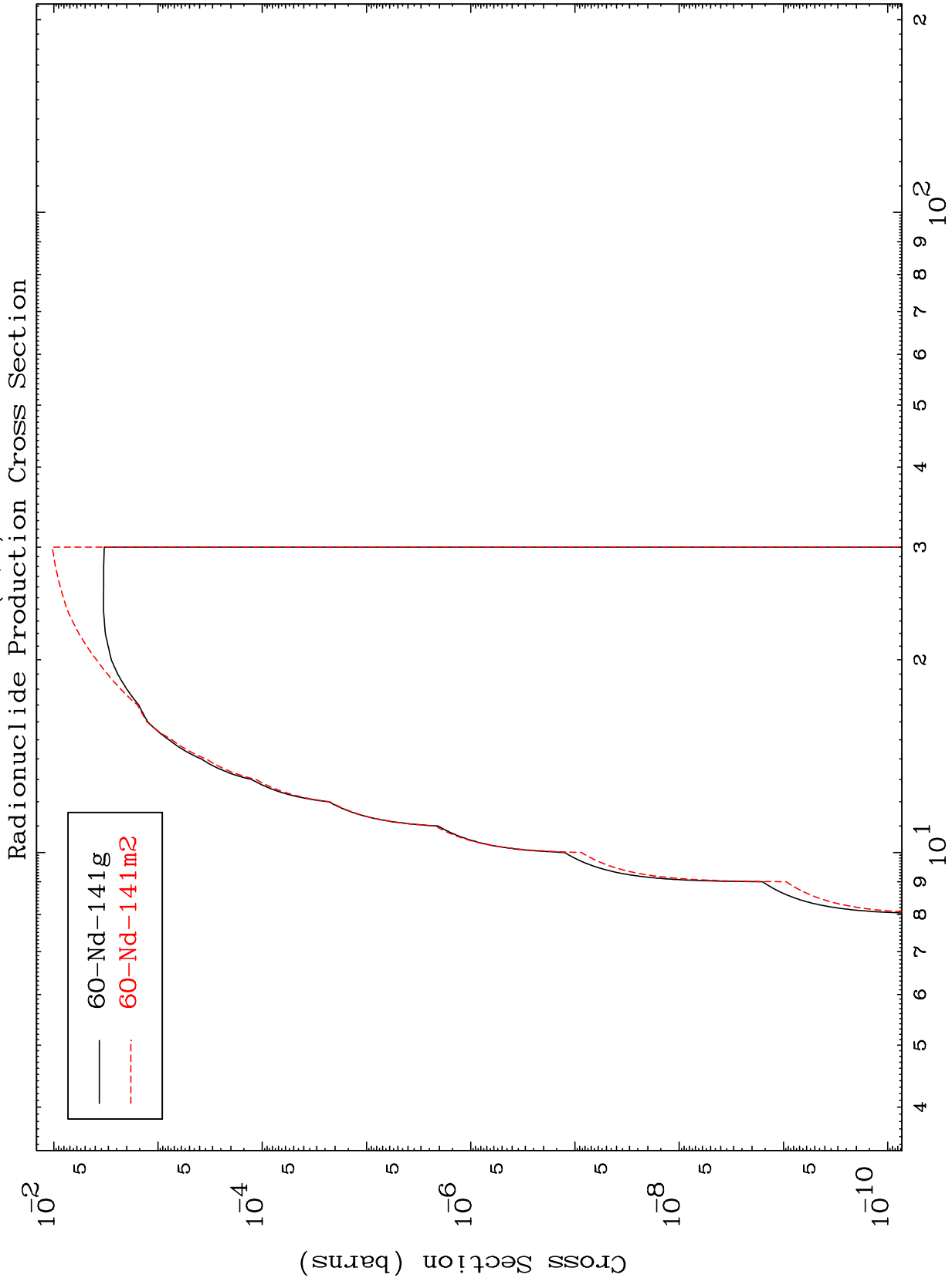
15

Incident Energy (MeV)

$^{60}\text{Nd}-142$

MAT 6025

60-Nd-142



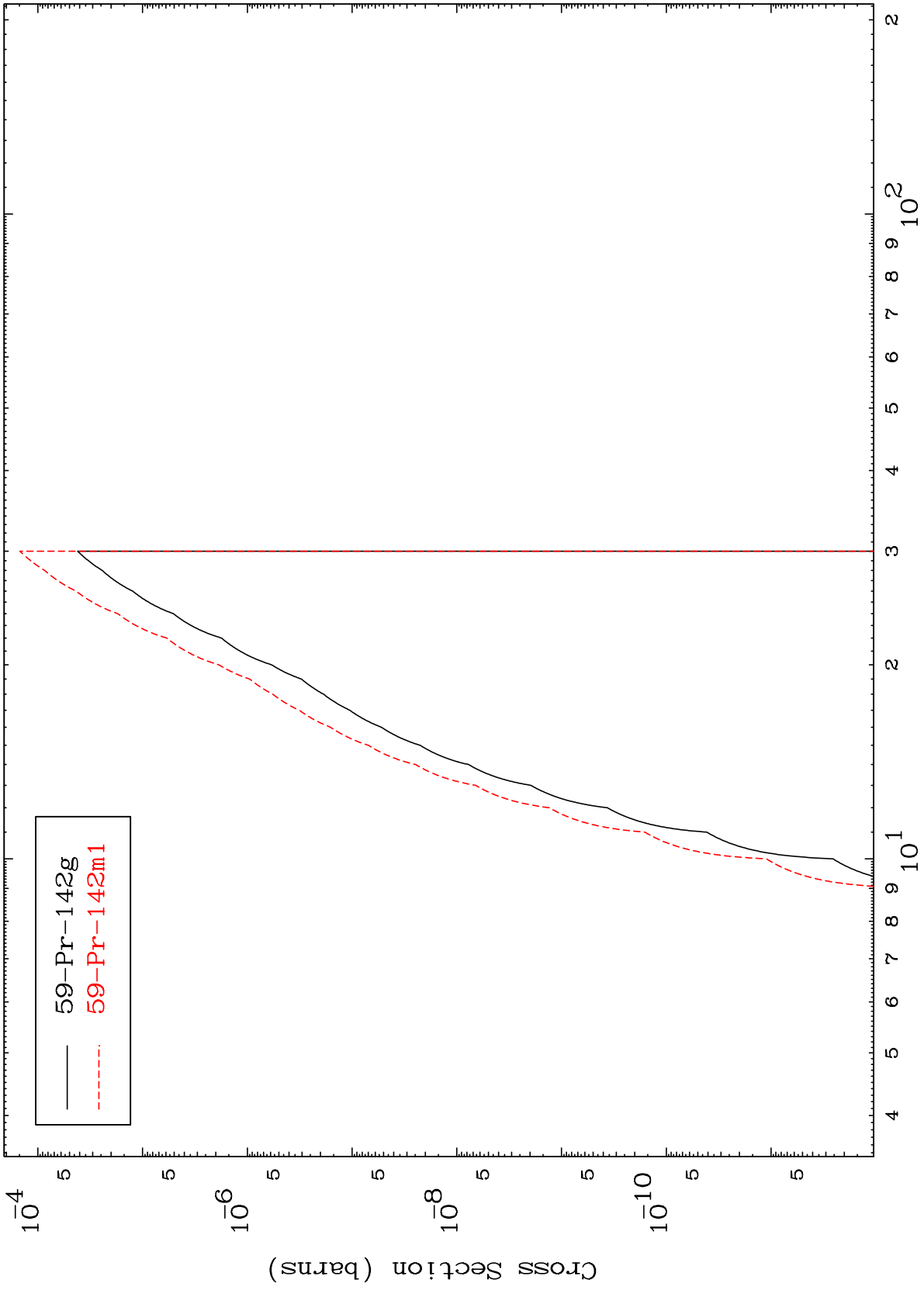
16

60-Nd-142

MAT 6025

60-Nd-142

Radionuclide Production Cross Section
(d,2p)



17

Incident Energy (MeV)

60-Nd-142

MAT 6025

(d,p) α

60-Nd-142

Radionuclide Production Cross Section

